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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,316	07/10/2003	Edward E. Kelley	FIS920030054	1315
29505 7590 07/06/2007 LAW OFFICE OF DELIO & PETERSON, LLC. 121 WHITNEY AVENUE NEW HAVEN, CT 06510			EXAMINER CHEN, SHIN HON	
			ART UNIT 2131	PAPER NUMBER
			MAIL DATE 07/06/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/604,316

Applicant(s)

KELLEY ET AL.

Examiner

Shin-Hon Chen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☒ Claim(s) 20-34 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 9/22/03 and 7/16/03
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-34 have been examined.

Allowable Subject Matter

2. Claims 20-34 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Peled et al. U.S. Pub. No. 20020149732 (hereinafter Peled) in view of Jhingan et al. U.S. Pub. No. 20040186894 (hereinafter Jhingan)

5. As per claim 1, Peled discloses a method of autonomic building and updating access control for referenced databases in documents sent via email by an originator to addressees, comprising: dynamically updating an access control list of said addressees for said originator of said email (Peled: [0010][0017]-[0021] and [0202]: dynamic); tracking distribution routes of said documents in a repository (Peled: [0021]; [0078]); and providing a request to said originator and

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a response from said originator to any of said addressees for approving, altering, or rejecting the access of said documents (Peled: [0083]: provide alert to originator so that appropriate action may be taken). Peled does not explicitly disclose access of referenced database. However, Jhingan discloses transmitting attachments of e-mails to a database and allow recipient to retrieve attachments stored within a database depending on access control criteria set by user (Jhingan: [0059] and abstract). It would have been obvious to one having ordinary skill in the art to store e-mail message information into a database and control access to the information based on rules set by originator of an e-mail message and also control the dissemination of information because both prior art disclose secure e-mail communication method. Therefore, it would have been obvious to one having ordinary skill in the art at the time of applicant's invention to combine the teachings of Jhingan within the system of Peled because it provides efficient data communication through e-mail message system.

6. As per claim 2, Peled as modified discloses the method of claim 1. Peled further discloses building and accessing said document through usage of a common email system (Peled: [0085]-[0089]).

7. As per claim 3, Peled as modified discloses the method of claim 1. Peled as modified further discloses generating a database request table including identifying database servers, addressees, and types of access control (Jhingan: [0045]).

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8. As per claim 4, Peled as modified discloses the method of claim 1. Peled further discloses wherein providing said request to said originator includes having said originator receive said request in the form of an email that provides a mechanism for approving, rejecting, or altering each access control list for each new addressee (Peled: [0196]).

9. As per claim 5, Peled as modified discloses the method of claim 4. Peled further discloses determining whether said addressees and access requests for each of said addressees match said access control list within each database (Peled: [0196]: enforce security rule).

10. As per claim 6, Peled as modified discloses the method of claim 5. Peled further discloses updating said access control list to match said database transaction (Peled: [0217]: client add-ins).

11. As per claim 7, Peled discloses a method of autonomic building and updating access control of referenced databases on documents shared via email, comprising: selecting a list of addressees in an email transmission to give access to said referenced databases (Peled: [0017]-[0021]); selecting the type of access for said selected list of addressees (Peled: [0017]-[0018]: different level of access). Peled does not explicitly disclose constructing an email transaction to send to an originator, said email transaction including database and access requests for each of said addressees; constructing database transactions to send to database servers; sending said database transactions to said database servers; matching said list of addressees and access requests to an access control list in said database; sending said email transaction to said

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addressees; requesting forwarding approval by said addressees of said referenced databases from said originator; transmitting a forwarding approval or rejection from said originator to said addressee; and tracing email forwarding for said originator. However, Jhinga discloses a controlling access to a database based on access rules set by originator of an e-mail (Jhinga: [0059]). It would have been obvious to one having ordinary skill in the art to store e-mail message information into a database and control access to the information based on rules set by originator of an e-mail message and also control the dissemination of information because both prior art disclose secure e-mail communication method. Therefore, it would have been obvious to one having ordinary skill in the art at the time of applicant's invention to combine the teachings of Jhingan within the system of Peled because it provides efficient data communication through e-mail message system.

12. As per claim 8, Peled as modified discloses the method of claim 7. Peled further discloses wherein selecting the type of access further comprises providing a menu for said originator of said email transmission (Peled: [0010]: provide user interface).

13. As per claim 9, Peled as modified discloses the method of claim 7. Peled further discloses wherein constructing said email transaction to send to said originator further comprises sending said transaction to said originator for access approval or rejection of said referenced databases (Peled: [0217]). It would have been obvious to one having ordinary skill in the art to automatically process the request or instantly request originator for decision based on design choice.

14. As per claim 10, Peled as modified discloses the method of claim 7. Peled as modified further discloses wherein said database transactions comprise information from a database request table (Jhingan: [0045]).

15. As per claim 11, Peled as modified discloses the method of claim 7. Peled as modified further discloses having said database servers process database access requests (Jhinga: [0045]).

16. As per claim 12, Peled as modified discloses the method of claim 7. Peled as modified further discloses updating said access control list if said match is not complete (Jhingan: [0049]: update parameters automatically).

17. As per claim 13-19, claims 13-19 encompass the same scope as claims 1-12. Therefore, claims 13-19 are rejected based on the same reason set forth above in rejecting claims 1-12.

Conclusion

18. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Thorne et al. U.S. Pat. No. 5958005 discloses electronic mail security.

Fellenstein et al. U.S. Pub. No. 20040019644 discloses dissemination control of email text.

Cahill et al. U.S. Pub. No. 20050038750 discloses organization-based content rights management system.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Hon Chen whose telephone number is (571) 272-3789. The examiner can normally be reached on Monday through Friday 8:30am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shin-Hon Chen
Examiner
Art Unit 2131

SC


SYED A. ZIA
PRIMARY EXAMINER
06/23/2007